



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

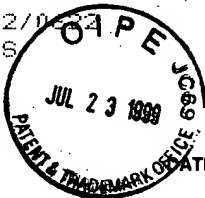
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

#3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/324,168	06/02/99	NITTA	H 500.33793R00

020457  
ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON VA 22209

0242/0000



500.33793R00  
NOT ASSIGNED

declaration  
2774  
8/22/99  
06/22/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☐ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 130.00.

- ☐ 1. The statutory basic filing fee is:
- ☐ missing.
  - ☐ insufficient.
- Applicant must submit \$\_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. The following additional claims fees are due:
- \$\_\_\_\_\_ for \_\_\_\_\_ total claims over 20.
  - \$\_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.
  - \$\_\_\_\_\_ for multiple dependent claim surcharge.
- Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- ☒ 3. The oath or declaration:
- ☒ is missing or unsigned.
  - ☐ does not cover the newly submitted items.
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:
- \_\_\_\_\_
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.
- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☐ 8. The application was filed in a language other than English.
- Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- ☐ 9. OTHER: \_\_\_\_\_

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

K. Nelson  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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07/27/1999 TLJW11  
01 JC:105  
130.00 DP



#3  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
#3

09/324,168 06/02/99 NITTA

Application Number:

Application to Paper Number:

500.33796R00

020467 0242/0622  
ANTONELLI TERRY STOUT AND KRAUS  
SUITE 1800  
1300 NORTH SEVENTEENTH STREET  
ARLINGTON VA 22209

NOT ASSIGNED

REISSUE SUPPLEMENT TO NOTICE TO FILE MISSING  
PARTS OF APPLICATION

06/22/99

This Reissue Supplement is an attachment to:

☒ "Notice to File Missing Parts of Application" Filing Date Granted (PTO-1533)

☐ "Notice to File Missing Parts of Application" No Filing Date Granted (PTO-1532)

The item(s) indicated below as missing must be filed within the period for reply to the attached Notice to File Missing Parts of Application to avoid abandonment.

The following items are required to complete the reissue application:

☒ Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of all assignees.

☒ Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.172 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b).

*[Signature]*  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

Section #3

500.33793R00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: H. NITTA et al.  
Serial No.: 09/324,168  
Filed: June 2, 1999  
For: LIQUID CRYSTAL DRIVER AND LIQUID CRYSTAL  
DISPLAY DEVICE USING THE SAME  
Art Unit: 2774  
Examiner: X. Wu (anticipated)  
Attention: Initial Patent Examination Division  
Office of Initial Patent Examination



SUBMISSION OF MISSING PARTS

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

July 23, 1999

Sir:

The Notice to File Missing Parts of Application—Filing Date Granted and the Reissue Supplement to Notice to File Missing Parts of Application both dated June 22, 1999, in connection with the above-identified application are acknowledged. Copies of the Notice and the Reissue Supplement are attached hereto.

Attached hereto are the following items as required in the Notice and the Reissue Supplement:

(1) a Reissue Declaration and Power of Attorney and Offer to Surrender Patent in compliance with 37 CFR 1.63, 1.175(a), and 1.178,

(2) a Statement under 3.73(b) and Consent of Assignee to Reissue Application in compliance with 37 CFR 1.172(a), and



#3

500.33793R00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: H. NITTA et al.  
Serial No.: Not Yet Assigned  
Reissue of U.S. Patent No. 5,774,106  
Filed: June 2, 1999  
For: LIQUID CRYSTAL DRIVER AND LIQUID CRYSTAL  
DISPLAY DEVICE USING THE SAME  
Art Unit: 2774 (Anticipated)  
Examiner: X. Wu (Anticipated)  
Attention: Initial Patent Examination Division  
Office of Initial Patent Examination

STATEMENT UNDER 37 CFR 3.73(b) AND  
CONSENT OF ASSIGNEE TO REISSUE APPLICATION

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR 3.73(b), Hitachi, Ltd., a Japanese corporation, having a place of business at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, states that it is the assignee of the entire right, title, and interest in U.S. Patent No. 5,774,106 issued on June 30, 1998, for the invention entitled LIQUID CRYSTAL DRIVER AND LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME by virtue of an assignment from the inventors of U.S. Patent 5,774,106. The assignment was recorded in the U.S. Patent and Trademark Office on June 5, 1995, at Reel 7542, Frame 778, which recordation was corrected on January 30, 1998, at Reel 8939, Frame 780.

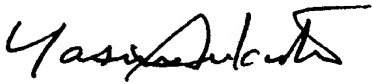
Hitachi, Ltd., the assignee of U.S. Patent No. 5,774,106,  
consents to the filing of reissue application Serial No.

\_\_\_\_\_ filed on June 2, 1999, for a reissue of U.S.  
Patent No. 5,774,106.

The undersigned is empowered to sign this statement on  
behalf of the assignee.

HITACHI, LTD.

July 6, 1999  
Date

  
\_\_\_\_\_  
Yasuo SAKUTA, Patent Attorney  
Executive Managing Director  
Intellectual Property Group  
Hitachi, Ltd.